Materials and Welding Metallurgy

Mechanical and Mechatronics Engineering

The Department of Mechanical and Mechatronics Engineering at the University of Waterloo invites applications from outstanding individuals for a tenure-track position at the assistant professor rank with research interests in materials and welding engineering. Preference will be given to candidates with expertise in the general areas of phase transformations, physical metallurgy and material properties as applied to welding and joining and related manufacturing processes. A strong background in experimental methods in materials science would be an asset. Materials Engineering and Processing is a part of Mechanical and Mechatronics Engineering at Waterloo and this creates unique opportunities for multi-disciplinary research collaborations. It is expected that the applicant will work closely with our NSERC/TransCanada Industrial Research Chair in Welding & Joining for Energy Infrastructure. Applicants must have excellent communication skills, and hold a PhD in Materials Science and Engineering or a closely related discipline with relevant experience, potential or proven ability for excellence in teaching and research. Duties will include teaching of undergraduate and graduate courses in a Cooperative Education Program, supervising graduate and undergraduate student research, and undertaking an active research program.

Applicants should send their full curriculum vitae, a concise research and teaching vision statement, and the names of three references to:

Dr. Jan Huissoon  
Chair, Department of Mechanical and Mechatronics Engineering  
University of Waterloo  
Waterloo, Ontario, Canada N2L 3G1  
Email: mmechair@uwaterloo.ca

Applications will be accepted until October 23, 2015 with an anticipated start date of January 1, 2016. The successful applicant is expected to have an engineering license for practice in Canada or to apply for an engineering license with the Professional Engineers of Ontario within five years of joining the University. The annual salary range for this position is $100,000 to $150,000. Negotiations beyond this salary range will be considered for exceptionally qualified candidates. Information about the Faculty, Department and Research Group can be found at www.eng.uwaterloo.ca, www.mme.uwaterloo.ca and https://uwaterloo.ca/mechanical-mechatronics-engineering/research/materials-engineering-and-processing .

The University of Waterloo respects, appreciates and encourages diversity. We welcome applications from all qualified individuals including women, members of visible minorities, Aboriginal peoples and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.